

**Work Order ID 85727****\*85727\***

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June 14, 2012 1:12:19 PM

Item ID: D3996-FE-832-EF

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Self-Clinching Fastener

Start Date: 6/14/12

Start Qty: 200.00

**\*200\***

Cust Item ID:

Required Date: 6/19/12

Req'd Qty: 200.00

**\*200\***

Customer:

Reference:

Approvals:

Process Plan: CLDate: 12/06/14 Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D3996

A

100

0.00

**\*100\***

Purchasing

Purchasing

Memo

Issue P/O: 17219

Purchase Part Number: FE-832-EF

Supplier: Interfast Inc.

Certificate of conformity is required

0.00

CL 12/06/14 (400)

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

**\*110\***

Packaging

Packaging

Memo

0.00

Ref 18 (400)

# Work Order ID 85727

\*85727\*

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Item ID: D3996-FE-832-EF Accept \*N9000040100\* Setup Start \*NS1\*  
Revision ID: Stop \*NS2\*  
Item Name: Self-Clinching Fastener  
Start Date: 6/14/12 Start Qty: 200.00 \*200\* Cust Item ID:  
Required Date: 6/19/12 Req'd Qty: 200.00 \*200\* Customer:  
Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start \*NR1\*  
QC: Date: SPC (Y/N): Date: Stop \*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC6- Inspect dimensions to drawing  Memo	0.00 0.00		Surber		2400 2500			
130 *130* Packaging Packaging	Identify as per dwg & Stock Location: <u>6-A</u>  Memo	0.00 0.00				400			12/06/19
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release  Memo	0.00 0.00							12/06/19 MF 12-06-19

# Picklist Print

June 14, 2012 1:12:18 PM

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Work Order ID: 85727

Parent Item: D3996-FE-832-EF

Start Date: 6/14/12

Required Date: 6/19/12

Parent Item Name: Self-Clinching Fastener

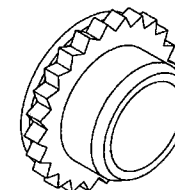
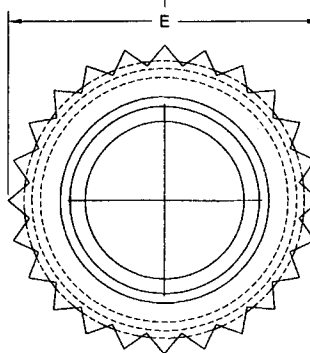
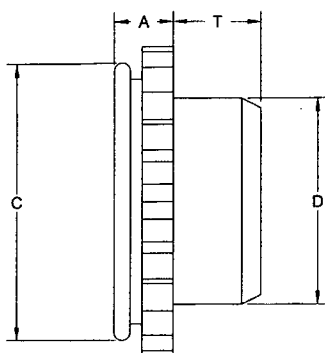
Start Qty: 200.00

Required Qty: 200.00

Comments: IPP RevA: new issue 09.11.11 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
FE-832-EF PEM Insert		Purchased	No			110	Each	0.0000	1	200		6/14/12	400

# SPECIFICATION CONTROL DRAWING



## D3996-XXX-YYY-ZZZ SELF-CLINCHING FASTENER

THREAD SIZE	THREAD CODE ("YYY")	TYPE ("XXX")	A MAX (SHANK)	SHEET THICKNESS	C +0.000 -0.005	D MAX	E ±0.005	T +0.015 -0.000	HOLE SIZE IN SHEET +0.003/-0.000	MIN DIST: HOLE CL TO EDGE	WEIGHT lb
#4-40 (0.112)	440	FEO	0.040	0.039-0.045	0.171	0.145	0.192	0.065	0.172	0.14	0.00031
		FE	0.060	0.059-0.070							0.00037
#6-32 (0.138)	632	FEO	0.040	0.039-0.045	0.212	0.180	0.244	0.075	0.213	0.17	0.00047
		FE	0.060	0.059-0.070							0.00068
#8-32 (0.164)	832	FEO	0.040	0.039-0.045	0.289	0.215	0.322	0.090	0.290	0.20	0.00098
		FE	0.060	0.059-0.070							0.00124
#10-32 (0.190)	032	FEO	0.040	0.039-0.045	0.289	0.245	0.322	0.110	0.290	0.20	0.00104
		FE	0.060	0.059-0.070							0.00120
1/4-28	0428	FE	0.060	0.059-0.070	0.343	0.318	0.384	0.120	0.344	0.28	0.00158

### NOTES

1) SPECIFICATION: PENNENGINEERING (PEM) MINIATURE SELF-CLINCHING FASTENER, SELF-LOCKING PEM P/N XXX-YYY-ZZZ

WHERE "XXX" = TYPE "FEO" (SHORT SHANK) OR "FE" (LONG SHANK) PER TABLE  
 "YYY" = THREAD CODE PER TABLE  
 "ZZZ" = FINISH CODE PER NOTE 2 BELOW

FOR EXAMPLE, #8-32 THREAD, LONG SHANK, ELECTRO-FILM FINISH:  
 DART P/N = D3996-FE-832-EF  
 PEM P/N = FE-832-EF

2) FINISH: FINISH CODE ("ZZZ") PER THE FOLLOWING:

"C" = CADMIUM YELLOW CHROMATE PER ASTM B766 CLASS 5 TYPE II  
 "CI" = CADMIUM CLEAR CHROMATE PER ASTM B766 CLASS 5, TYPE III  
 "EF" = ELECTRO-FILM PER MIL-PRF-46010  
 "MD" = MOLYBDENUM DISULFIDE DRY FILM (STD PEM FINISH)

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: N/A

6) IDENTIFICATION: N/A

7) WEIGHT: N/A

*Handwritten:* C/L 12/06/14  
 W/O: 85727

**RELEASED**  
 2009-11-08  
*Handwritten:* M/D

A	NEW ISSUE	CP	09.10.01
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.10.01		

**DART AEROSPACE LTD**  
 HAWKESBURY, ONTARIO, CANADA

DRAWING NO. **D3996** REV. A  
 SHEET 1 OF 1

TITLE **SELF-CLINCHING FASTENER** SCALE NTS

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Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO17219**

Purchase Order Date 6/14/12

PO Print Date 6/14/12

Page Number 1 of 1

Order From :

VC-INT001

INTERFAST INC.  
6360 COTE DE LIESSE  
MONTREAL, QC H4T 1E3  
CA

Contact Name

Vendor Phone 5147385959

Vendor Fax 5147386363

Vendor Account Nbr 110900

Buyer

Chantal Lavoie

Requisition Nbr

10127-2607

Tax Resale Nbr

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAKED**  
*6/14/12*

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	632-EF	PEM Insert	6/18/12 Yes	400.00 Each	FedEx PI collect	\$0.2200	\$88.00

Special Inst: AS PER DWG D3996 REV. A  
B85727

PO Total:

\$88.00

Change Nbr: 3

Change Date: 6/14/12

*CZ*  
No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required - YES NO



22 WORCESTER ROAD, TORONTO, ON, CAN, M9W 5X2  
TEL: 1-416-674-0770 FAX: 416-674-5804  
WEBSITE: www.interfast.ca

# Packing Slip

PACK-SLIP REV: NC DATE: 09/30/07



Invoice#:

706259

15-JUN-12

SV DART AEROSPACE LIMITED  
OE 1270 ABERDEEN ST.  
LN HAWKESBURY ON  
DD K6A 1K7  
U CAN  
T  
OA

SE DART AEROSPACE LIMITED  
HX 1270 ABERDEEN ST.  
IP HAWKESBURY ON  
PD CAN K6A 1K7  
TI  
OE  
R  
A

SHIP MODE: Fedex Domestic Within Canada  
MODE D'EXPEDITION:

FOB: FOB - Interfast Dock  
F.A.B.:

NO. CARTONS: 1

WAYBILL #: 534880333115  
FACTURE DE VOIE #:

CUSTOMER PO#: PO17219  
CU SON DE COMMANDE:  
CUSTOMER #: 110900  
CLIENT #:  
OUR SALE #: 598428  
N° DE LA VENTE:  
TERMS: Net 30 Days (01)  
MODALITES:

QUANTITY ORDERED QUANTITÉ COMMANDEE	U/M M.N.R.	QUANTITY SHIPPED QUANTITÉ EXPÉDIÉE	BALANCE DUE SOLDE	PART# & DESCRIPTION PARTIE # ET DESCRIPTION	LOT# / Serial#
400.00	EA	400.00	0.00	Cust PO Line#: Cust Part#: FE-832-EF Part#: FE-832-EF Description: NUT ** Packbox#: PACK594452 Lot Line#: 1 Qty: 400 Expire Date Country Of Origin: USA	D580370001

Total Qty Shipped: 400

GST/TPS # R102504958 QPST/TVQ #1009982431TQ0001

PAST DUE ACCOUNTS WILL BE SUBJECT TO A SERVICE CHARGE OF 1.5% PER MONTH. INTERFAST WILL BE RESPONSIBLE FOR THE AUTHORIZED REPLACEMENT OF GOODS WHICH ARE DEFECTIVE OR WHICH ARE NOT TO SPECIFICATION PROVIDED THAT CLAIMS ARE MADE WITHIN 14 DAYS OF SHIPMENT.

LES COMPTES EN SOUFFRANCE SERONT ASSUJETTIS À DES FRAIS DE SERVICE DE 1.5% PAR MOIS. INTERFAST NE SERA RESPONSABLE QUE POUR L'ÉCHANGE AUTORISÉ DE BIENS DÉFECTUEUX OU QUI NE SONT PAS CONFORMES AUX SPÉCIFICATIONS À CONDITION QUE LES RÉCLAMATIONS SOIENT EFFECTUÉES DANS LES QUATORZE (14) JOURS SUIVANT L'EXPÉDITION.

Sunita Kharbanda



Quality System  
Administrator

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